

SEQUENCE LISTING

<110> CNRS
UNIVERSITE DE MONTPELLIER II
DEVAUCHELLE, Gérard
DEMAILLE, Jacques
FERRAZ, Conception
MATARAZZO, Valéry
RONIN, Catherine
CERRUTI, Martine

<120> EXPRESSION OF RECEPTORS WITH 7 TRANSMEMBRANE DOMAINS IN A
BACULOVIRUS-INSECT CELL SYSTEM

<130> MJPbv644/68

<150> FR 0209377
<151> 2002-07-24

<160> 13

<170> PatentIn version 3.1

<210> 1
<211> 109
<212> DNA
<213> Artificial sequence

<220>
<223> sequence encoding the EGT-FLAG epitope fusion

<400> 1
atgactattc tctgctggct tgcactgctg tctacgctta ctgctgttaa cgcggactac 60

aaggacgatg atgacaaagc catggctgct cgtaccctg cagagctc 109

<210> 2
<211> 34

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 2

taagaagctt gccaccatgg aggggaaaaa tctg

34

<210> 3

<211> 39

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 3

taacggtacc gcggccgcct aaggggaatg aattttccg

39

<210> 4

<211> 39

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 4

caataagctt ccatggctat gtatttgtgt ctcagcaac

39

<210> 5

<211> 39

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 5
t'aacggtacc gcggccgctt aagccactga tttagagtg 39

<210> 6
<211> 60
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 6
ttacgatatc agatctgccca ccatgtaccc ctacgacgtc cctgactacg ccatggcccg 60

<210> 7
<211> 34
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 7
ctataagctt tcacagcagg ttgatctcgt ccag 34

<210> 8
<211> 70
<212> DNA
<213> Artificial sequence

<220>
<223> PCR primer

<400> 8
ttacgatatc agatctgccca ccatgtaccc ctacgacgtc cctgactacg ccatgggggtg 60
tttgggcaac 70

<210> 9
 <211> 34
 <212> DNA
 <213> Artificial sequence

<220>
 <223> PCR primer

<400> 9
 ctataagctt tcacaagagt tcgtactgct tgag

34

<210> 10
 <211> 10
 <212> PRT
 <213> Artificial sequence

<220>
 <223> conserved unit at the beginning of transmembrane domain II of
 olfactory receptors

<400> 10
 Pro Met Tyr Leu Phe Leu Gly Asn Leu Ser
 1 5 10

<210> 11
 <211> 10
 <212> PRT
 <213> Artificial sequence

<220>
 <223> conserved unit at the end of transmembrane domain IV and at
 the beginning of intracellular loop i2 of olfactory receptors

<400> 11
 Met Ala Tyr Asp Arg Tyr Val Ala Ile Cys
 1 5 10

<210> 12
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> conserved unit at the beginning of transmembrane domain VI of
" olfactory receptors

<400> 12
Phe Ser Cys Ser Ser His
1 5

<210> 13
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> conserved unit in transmembrane domain VII of olfactory
receptors

<400> 13
Pro Met Leu Asn Pro Phe
1 5